

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20050017372".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 09:10
L2	9	("5735411" "5554940" "6043109" "6197613" "6204562" "6277669" "6372619" "6433427" "6536653"). pn.	USPAT; IBM_TDB	OR	ON	2005/10/17 09:10
L3	2	("6372619").URPN.	USPAT	OR	ON	2005/10/17 09:10
L4	129	bump with wire with pad with package and "257"\$.ccls.	USPAT; IBM_TDB	OR	ON	2005/10/17 09:10
L5	15	("4356374" "5252850" "5258648" "5468681" "5705858" "5814894" "5844304" "5849606" "5859407" "5886971" "5973337" "6300235" "6303977").PN. OR ("6753208"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L6	1	"6365439".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L7	28	("4246595" "5148265" "5148266" "5258330" "5346861" "5347159" "5398863" "5448114" "5602059" "5648682" "5668405" "5679977" "5682061" "5685885" "5686757" "5706174" "5757078" "5777387" "5777391" "5789820" "5801446" "5895965" "5990545" "6078097" "6107678").PN. OR ("6365439"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L8	5	("6287893" "6300234" "6429532" "6501169").PN. OR ("6713870"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L9	68	("4462534" "5024372" "5220200" "5261593" "5293067" "5346861" "5388327" "5455390" "5504277" "5539153" "5541450" "5547740" "5564617" "5604379" "5608262" "5701032" "5736456" "5777391" "5814894").PN. OR ("6287893"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L10	5	("5397921" "5409865" "5646828" "6163458" "6287893").PN. OR ("6650015").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L11	5	redistribution near2 line with (bump solder near1 ball ball C4 flip) with (wire wiring)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L12	139	redistribution with (bump solder near1 ball ball C4 flip) with (wire wiring)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10

L13	1508	(257/734).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 09:10
L14	304	(ball bump C4 flip) with (wire wiring), and L13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 09:10
L15	14	("20010006258" "20030001288" "20030006496" "20030197271" "5998860" "6013948" "6020629" "6093969" "6180881" "6294825" "6331453" "6448640" "6507107" "6583502").PN. OR ("6836007").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L16	1	"6563217".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L17	72	("3460010" "3538397" "3769105" "3772097" "4164751" "4266282" "4317686" "4349862" "4423431" "4427989" "4477736" "4493056" "4567542" "4577214" "4604639" "4605980" "4641425" "4649418" "4654690" "4656605" "4691304" "4720737" "4725924" "4731645" "4737830" "4748495" "4777518" "4780846" "4992850" "4996587" "5012323" "5016138" "5032892" "5045921" "5107328" "5128831" "5137836" "5182632" "5239198" "5255156" "5266821" "5280192" "5280193" "5307309" "5322207" "5323060" "5367435" "5399898" "5422435" "5434745" "5438216" "5465470" "5477067" "5477082" "5480840" "5483024" "5495398" "5502289" "5535101" "5739585" "5920118" "6013948" "6025648" "6054753" "6057601" "6075284" "6097098").PN. OR ("6563217").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L18	7	("5397921" "5541450" "5729050" "5819398" "5825084" "5834839" "5895973").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L19	193	("4505799" "4649418" "4725924" "4731645" "4829666" "4931853" "4992849" "4992850" "5048179" "5063177" "5138434" "5155067" "5191511" "5239198" "5326428" "5419807" "5422514" "5468999" "5474957" "5578869").PN. OR ("5739585").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10

L20	43	("5021300" "5248895" "5300812" "5352851" "5359768" "5442231" "5559369" "5650593" "5661086" "5677566" "5723907" "5726079" "5739585" "5817535" "5857767" "5972736" "5985697" "5990550" "5998241" "5998860" "5998865" "5999415" "6008074" "6020637" "6048755" "6107683" "6122171" "6198162" "6214641" "6215180" "6225695" "6249041" "6255140" "6271586" "6284571" "6300165" "6326687" "6343019" "6461894" "6498052" "6507114" "6518098" "6528890").PN. OR ("6856013"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L21	56	("5523622" "5572405" "5598321" "5705851" "5719440" "5724232" "5729432" "5793118" "5818698" "5854507" "5866953" "5903052" "5936305" "5959356").PN. OR ("6122171").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L22	20	("4996587" "5159434" "5428247" "5674785" "5677566" "5864470" "5894107" "5986346" "5999413" "6013946" "6060768" "6104089" "6122171" "6218202" "6221682" "6252298" "6265768" "6271586" "6291884" "6331451").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L23	29	("5159434" "5428247" "5864470" "5986346" "5999413" "6013946" "6060768" "6104089" "6122171" "6218202" "6221682" "6252298" "6265768" "6271586" "6291884" "6331451").PN. OR ("6445077"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L24	5	("5248903" "5367195" "5442239" "5502337" "5736791").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L25	51	("3179913" "3370203" "3459998" "3904934" "4288841" "4502098" "4574331" "4646128" "4727410" "4823233" "4833568" "4862249" "4868712" "4953005" "5016138" "5019945" "5739585").PN. OR ("6049129").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L26	51	("3179913" "3370203" "3459998" "3904934" "4288841" "4502098" "4574331" "4646128" "4727410" "4823233" "4833568" "4862249" "4868712" "4953005" "5016138" "5019945" "5739585").PN. OR ("6049129").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10

L27	17	(US-20050017372-\$ or US-20030168734-\$ or US-20040004283-\$).did. or (US-6372619-\$ or US-6713870-\$ or US-5455390-\$ or US-5739585-\$ or US-6773965-\$ or US-6387729-\$ or US-6372552-\$ or US-6365833-\$ or US-6268650-\$ or US-6049129-\$ or US-6856013-\$ or US-6507114-\$ or US-6855575-\$ or US-6683795-\$ or US-6445077-\$ or US-6252298-\$ or US-6700190-\$ or US-6856028-\$). did.	US-PGPUB; USPAT	OR	ON	2005/10/17 09:10
L28	17	(US-20030168734-\$ or US-20040004283-\$ or US-20050017372-\$).did. or (US-5455390-\$ or US-5739585-\$ or US-6049129-\$ or US-6252298-\$ or US-6268650-\$ or US-6365833-\$ or US-6372552-\$ or US-6372619-\$ or US-6387729-\$ or US-6445077-\$ or US-6507114-\$ or US-6683795-\$ or US-6700190-\$ or US-6713870-\$ or US-6773965-\$ or US-6855575-\$ or US-6856013-\$ or US-6856028-\$). did.	US-PGPUB; USPAT	OR	ON	2005/10/17 09:10
L29	0	circuit adj board with (column via) with diameter with ".mu.m."	US-PGPUB; USPAT	OR	ON	2005/10/17 09:10
L30	0	circuit adj board with (column via) with diameter with ".mu.m."	US-PGPUB; USPAT	OR	ON	2005/10/17 09:10
L31	334	circuit adj board with (column via) with diameter	US-PGPUB; USPAT	OR	ON	2005/10/17 09:10
L32	202	circuit adj board with (column via) with diameter	USPAT	OR	ON	2005/10/17 09:10
L33	154	fr-4 with comprise	USPAT	OR	ON	2005/10/17 09:10
L34	1	"6,201,707".pn.	USPAT	OR	ON	2005/10/17 09:10
L35	3	PCB with microvias with copper	USPAT	OR	ON	2005/10/17 09:10
L36	4	PCB with vias with filled with (copper aluminum tungsten silver gold)	USPAT	OR	ON	2005/10/17 09:10
L37	3	PCB with vias with f with (copper aluminum tungsten silver gold)	USPAT	OR	ON	2005/10/17 09:10
L38	144	PCB with vias with (copper aluminum tungsten silver gold)	USPAT	OR	ON	2005/10/17 09:10
L39	39	L38 and "257"/\$.ccls.	USPAT	OR	ON	2005/10/17 09:10
L40	711	circuit with board with vias with (copper aluminum tungsten silver gold)	USPAT	OR	ON	2005/10/17 09:10
L41	195	L40 and "257"/\$.ccls.	USPAT	OR	ON	2005/10/17 09:10
L42	183	L41 not L39	USPAT	OR	ON	2005/10/17 09:10
L43	8	("5976912" "6048755" "6049129" "6111306" "6144102" "6252298" "6429372" "6455354").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10

L44	20	("4996587" "5159434" "5428247" "5674785" "5677566" "5864470" "5894107" "5986346" "5999413" "6013946" "6060768" "6104089" "6122171" "6218202" "6221682" "6252298" "6265768" "6271586" "6291884" "6331451").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L45	4	("5216278" "5640047" "5866949" "6013946").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L46	7	("5289631" "5290710" "5525545" "5541525" "5806181" "5888837" "6072322").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L47	14	("5523622" "5572405" "5598321" "5705851" "5719440" "5724232" "5729432" "5793118" "5818698" "5854507" "5866953" "5903052" "5936305" "5959356").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L48	53	("5285352" "5430331" "5442234" "5528458" "5541450" "5583377" "5583378" "5633783" "5640047" "5710695" "5717252" "5760465").PN. OR ("5903052").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10

L49	104	("20010045644" "20020053731" "20020072214" "20020096767" "20020098617" "20020180040" "20030138613" "3790866" "4611238" "5045921" "5065281" "5173766" "5208504" "5216278" "5285352" "5291062" "5294826" "5366589" "5394009" "5397917" "5397921" "5409865" "5433631" "5438216" "5474957" "5490324" "5534467" "5541450" "5552635" "5572405" "5578869" "5583377" "5583378" "5642261" "5648679" "5650659" "5691567" "5717252" "5736785" "5796170" "5798909" "5801432" "5835355" "5843808" "5844168" "5856911" "5866949" "5883430" "5889324" "5894410" "5901041" "5903052" "5905633" "5907903" "5920117" "5949137" "5953589" "5972734" "5977626" "5986340" "5986885" "5998241" "5999415" "6002147" "6002169" "6011304" "6011694" "6020637" "6028358" "6057601" "6060777" "6069407" "6077724" "6084297" "6084777" "6114761" "6117797" "6122171" "6133064" "6140707" "6160705" "6162659" "6163458" "6166434" "6184580" "6212070" "6242279" "6246111" "6288444" "6313521" "6347037" "6362525" "6369455" "6380623" "6462274" "6472741" "6525942" "6528892" "6541832" "6545351" "6552266" "6552428" "6563712" "6583516"). PN. OR ("6853070").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L50	12	("5397917" "5583378" "5724230" "5726493" "5796038" "5854511" "5866943" "5886408" "5909056" "5926371" "6020637" "6046499").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L51	17	("5877552" "5977626").PN. OR ("6163458").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L52	57	("4954877" "5371404").PN. OR ("5796170").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L53	47	("4563725" "4591659" "4993148" "5191511" "5291062" "5297006" "5355283" "5409865" "5434750" "5473814" "5477082").PN. OR ("5572405").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L54	590	package with substrate with underfill	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L55	251	L54 and "257"/\$.cc/s.	USPAT	OR	ON	2005/10/17 09:10

L56	2	("5796170" "6806560").pn.	US-PGPUB; USPAT	OR	ON	2005/10/17 09:10
L57	3	("5796170" "6806560" "20050017372").pn.	US-PGPUB; USPAT	OR	ON	2005/10/17 09:10
L58	2	("4954877" "5371404").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L59	590	<i>package with substrate with underfill</i>	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L60	15	("4786545" "5055321" "5278429" "5473512" "5519251" "5756380" "5816478" "5834832" "5872399" "5925403" "6197615" "6286207" "6288451" "6323542" "6344753").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L61	1	("6049129").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L62	24	<i>gold with bump with PCB</i>	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L63	130	<i>gold near2 bump with circuit near2 board</i>	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 09:10
L64	78	<i>gold near2 bump with circuit near2 board</i>	USPAT; USOCR	OR	ON	2005/10/17 09:10
L65	339	<i>bayat</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 09:10
L66	186	<i>bayat.xa.</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 09:10
L67	186	<i>(bayat with ali).xa.</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 09:10
L68	0	<i>(bayat with ali).xp.</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 09:10

L69	9	laforgia.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 09:10
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